

We claim:

1. A method for exchanging administration management information with a client terminal in a wireless network, comprising the steps of:

5 receiving a request for an administration management file from the client terminal; transmitting the administration management file to the client terminal;

generating and transmitting to the client terminal a first parameter;

receiving new administration information and a second parameter from the client terminal;

10 generating a third parameter using a predetermined algorithm and the first parameter; comparing the third parameter to the second parameter; and implementing the new administration information in response to the comparing step.

2. The method according to claim 1, wherein the wireless network is a wireless local area network (WLAN) in accordance with IEEE 802.11 standards, the client terminal is a mobile terminal within a coverage area of the WLAN, and the administration management file comprises an administration web page.

3. The method according to claim 2, wherein the first parameter is a random number.

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4. The method according to claim 3, wherein the step of generating a third parameter comprises generating the third parameter using a hash function and the first parameter.

25 5. The method according to claim 3, wherein the step of generating a third parameter comprises generating a third parameter using a hash function, the first parameter, a password, and a string parameter.

6. The method according to claim 5, wherein the string parameter corresponds to the new administration information.

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7. The method according to claim 2, wherein the transmitting step comprises transmitting the administration web page and Active X control to the client terminal.

8. An access point in a wireless network, comprising:

a transceiver for communicating with a client terminal;
means, coupled to the transceiver, for causing the transceiver to transmit an administration management file in response to a request from the client terminal,
means for generating a first parameter and causing the transceiver to transmit the first parameter to the client terminal, the transceiver receiving from the client terminal new administration information and a second parameter;
means for generating a third parameter in response to the first parameter, and comparing the third parameter to the second parameter; and
means for implementing the new administration information in response to the comparison.

9. The access point according to claim 8, wherein the wireless network is a wireless local area network (WLAN) in accordance with IEEE 802.11 standards, the client terminal is a mobile terminal within a coverage area of the WLAN, and the administration management file comprises an administration web page.

10. The access point according to claim 9, wherein the first parameter is a random number, and the means for generating a third parameter comprises means for generating the third parameter using a hash function, the random number, a password, and a string parameter.

11. The access point according to claim 10, wherein the string parameter corresponds to the new administration information.

25 12. A method for exchanging administration management information with an access point in a wireless network using a client terminal, comprising the steps of:
transmitting a request for an administration management file to the access point;
receiving the administration management file from the access point;
receiving a first parameter from the access point;
generating new administration information in response to user input;
generating a second parameter using a predetermined algorithm and the first parameter;
transmitting the second parameter and the new administration information to the access point.

13. The method according to claim 12, wherein the wireless network is a wireless local area network (WLAN) in accordance with IEEE 802.11 standards, the client terminal is a mobile terminal compliant with the IEEE 802.11 standards, and the administration

5 management file is an administration web page.

14. The method according to claim 13, wherein the step of receiving the administration web page includes receiving the administration web page and an Active X control.

10 15. The method according to claim 13, wherein the step of generating a second parameter comprises generating the second parameter using a hash function and the first parameter.

16. The method according to claim 13, wherein the step of generating a second parameter comprises generating the second parameter using a hash function, the first parameter, a
15 password and a string parameter.

17. The method according to claim 16, wherein the string parameter is generated from the new administration information.

20 18. A client terminal for communicating with an access point associated with a wireless network, comprising:

transceiver for communicating with the access point;

means coupled to the transceiver for causing the transceiver to transmit to the access point a request for an administration management file, and receiving the administration

25 management file from the access point, and for receiving a first parameter from the access point;

means for generating new administration information in response to user input;

means for generating a second parameter using a predetermined algorithm and the first parameter;

30 means for causing the transceiver to transmit to the access point the second parameter and the new administration information.

19. The client terminal according to claim 18, wherein the wireless network is a wireless local area network (WLAN) in accordance with IEEE 802.11 standards, the client terminal is

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- a mobile terminal compliant with the IEEE 802.11 standards, and the administration management file is an administration web page.
21. The client terminal according to claim 19, wherein the second parameter is generated
5 using a hash function and the first parameter.
22. The client terminal according to claim 19, wherein the second parameter is generated using a hash function, the first parameter, a password and a string parameter.
- 10 23. The client terminal according to claim 22, wherein the string parameter is generated from the new administration information.